

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019626.D
 Acq On : 19 Sep 2024 12:04
 Operator : SY/MD
 Sample : P4097-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2299

Quant Time: Sep 20 01:27:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	38491	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	61936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	43483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	11890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	16980	47.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.280%
35) Dibromofluoromethane	7.628	113	17855	50.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.109	98	67670	52.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.408	95	16250	32.537	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	65.080%

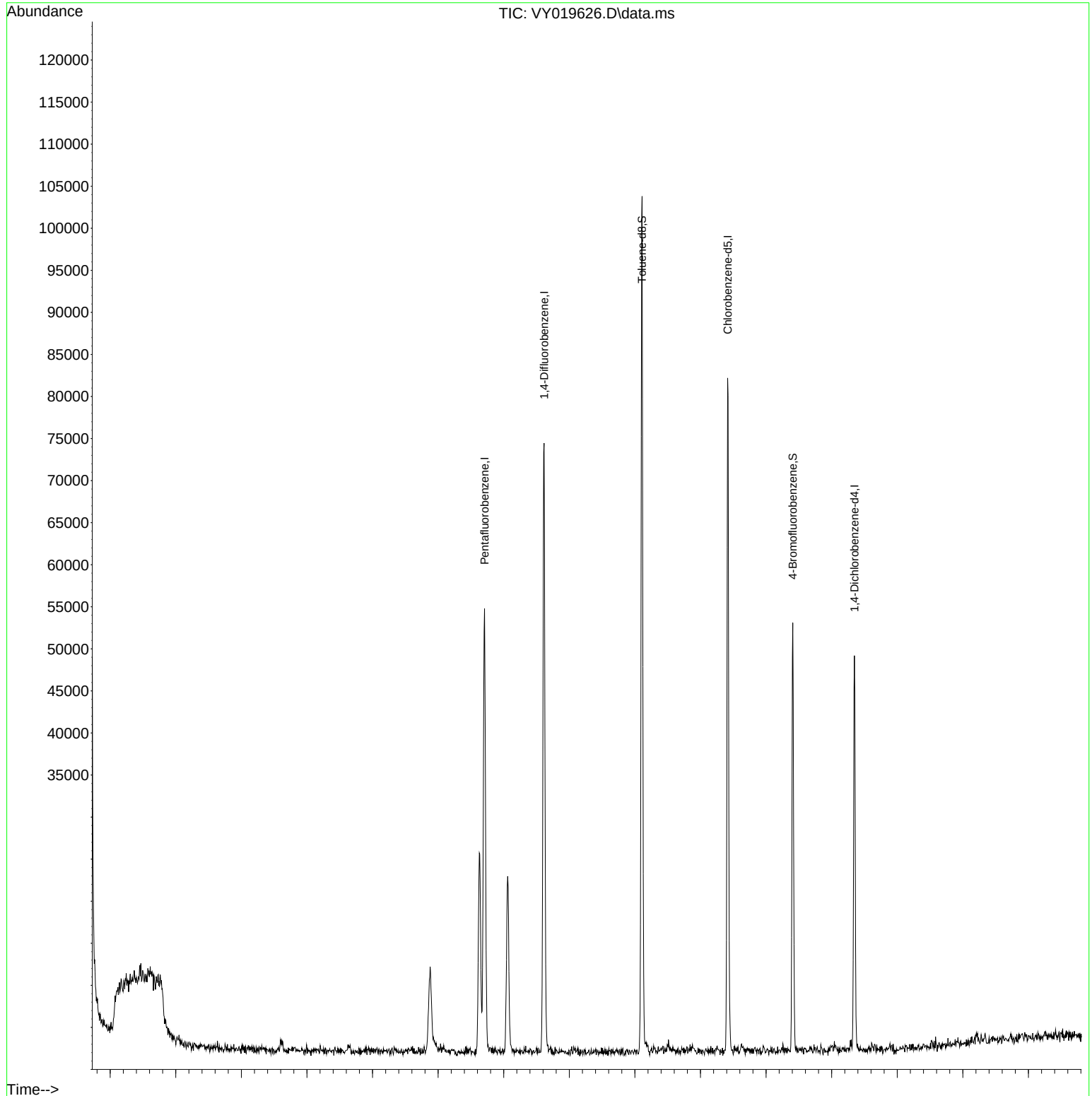
Target Compounds Qvalue

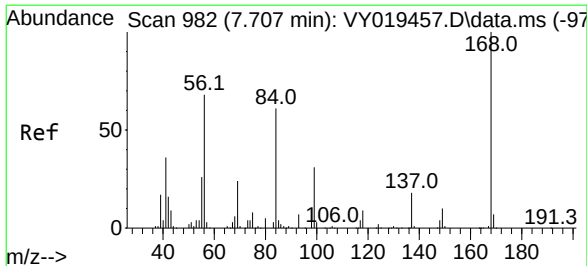
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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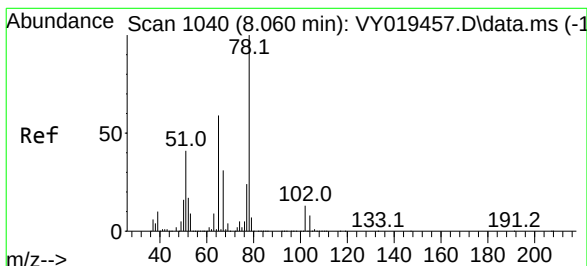
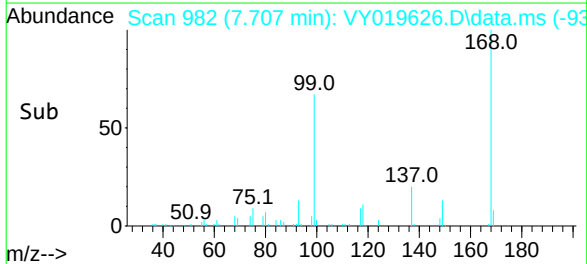
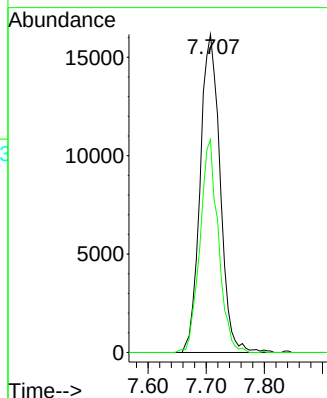
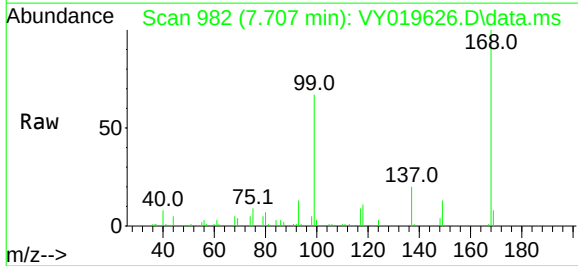




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019626.D
Acq: 19 Sep 2024 12:04

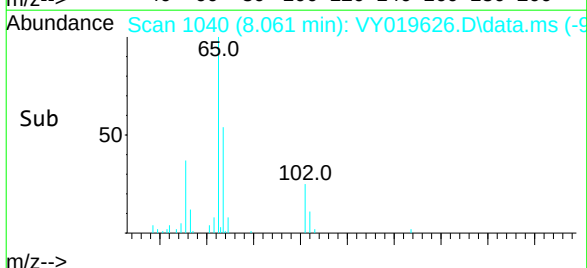
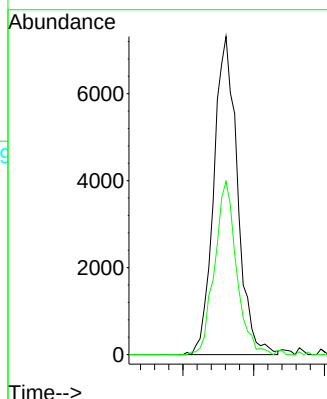
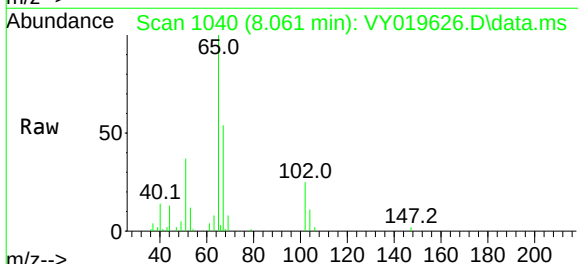
Instrument :
MSVOA_Y
ClientSampleId :
RT2299

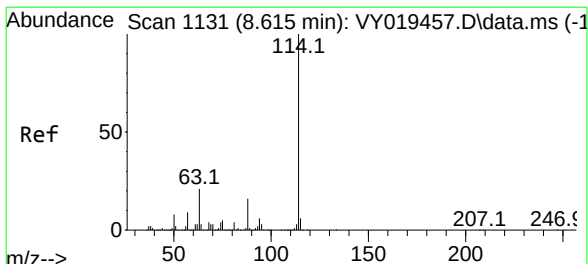
Tgt Ion: 168 Resp: 38491
Ion Ratio Lower Upper
168 100
99 66.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 47.641 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019626.D
Acq: 19 Sep 2024 12:04

Tgt Ion: 65 Resp: 16980
Ion Ratio Lower Upper
65 100
67 50.4 0.0 109.6

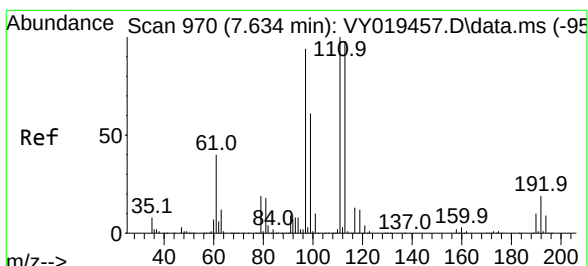
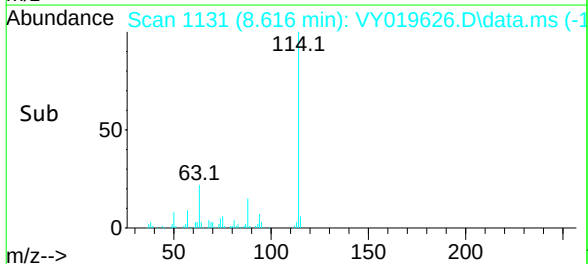
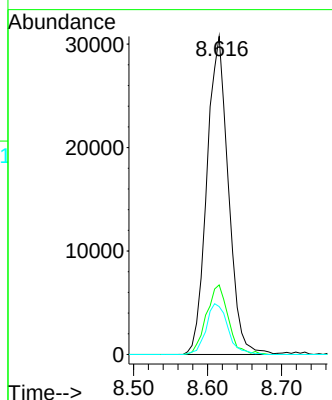
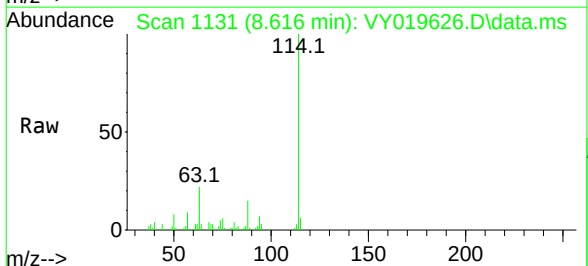




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019626.D
Acq: 19 Sep 2024 12:04

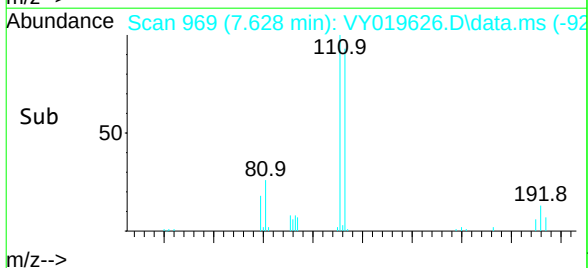
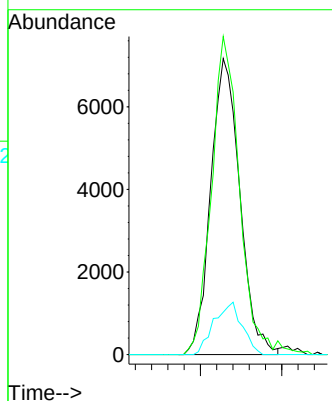
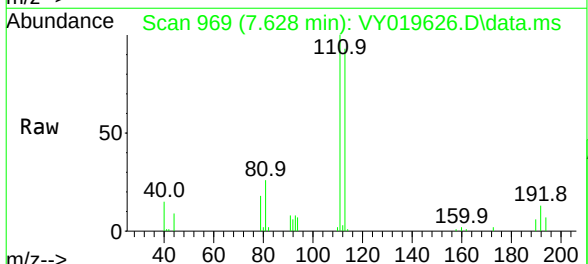
Instrument :
MSVOA_Y
ClientSampleId :
RT2299

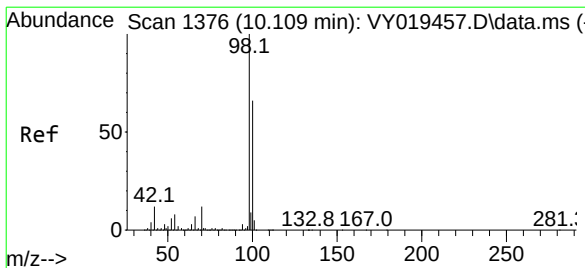
Tgt Ion:	114	Resp:	61936
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.0
88	15.1	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.845 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019626.D
Acq: 19 Sep 2024 12:04

Tgt Ion:	113	Resp:	17855
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	17.0	15.9	23.9





#50

Toluene-d8

Concen: 52.099 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019626.D

Acq: 19 Sep 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

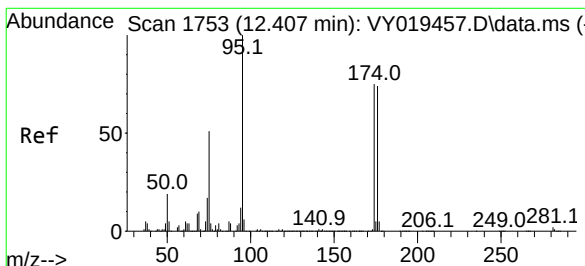
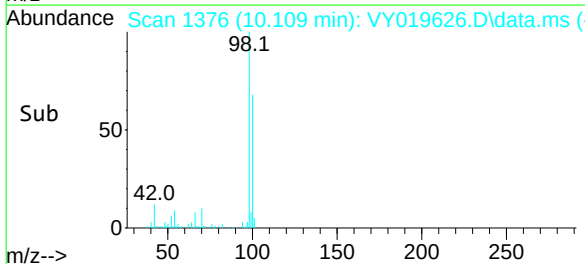
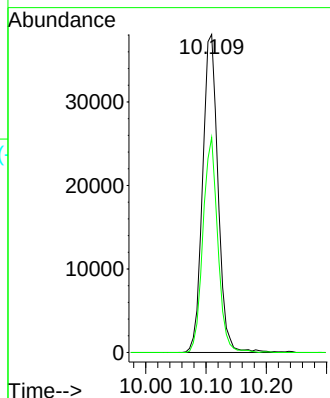
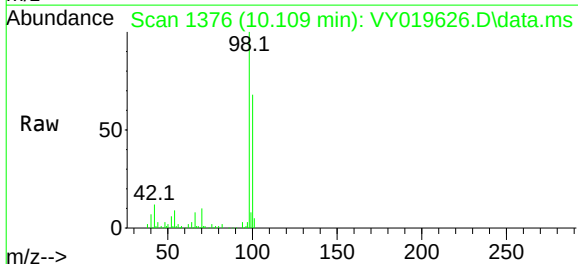
RT2299

Tgt Ion: 98 Resp: 67670

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.537 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019626.D

Acq: 19 Sep 2024 12:04

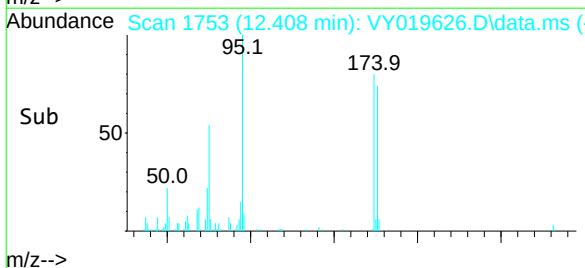
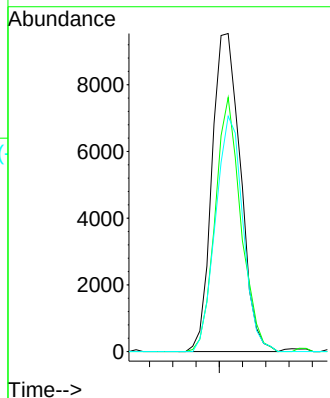
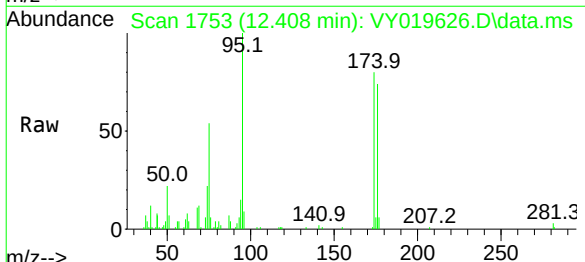
Tgt Ion: 95 Resp: 16250

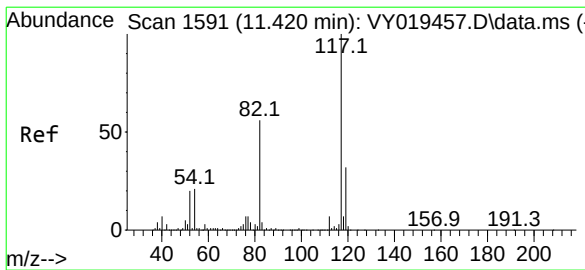
Ion Ratio Lower Upper

95 100

174 72.4 0.0 175.6

176 71.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019626.D

Acq: 19 Sep 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

RT2299

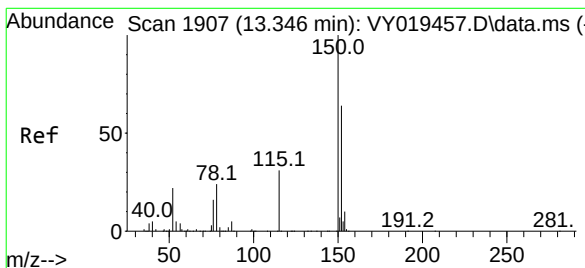
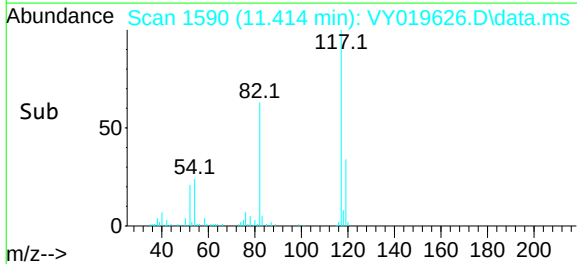
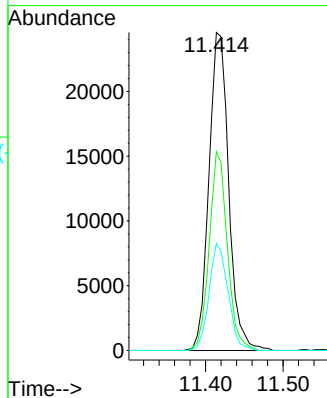
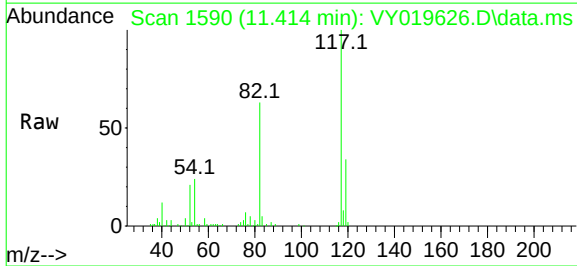
Tgt Ion:117 Resp: 43483

Ion Ratio Lower Upper

117 100

82 62.5 42.4 63.6

119 33.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019626.D

Acq: 19 Sep 2024 12:04

Tgt Ion:152 Resp: 11890

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 154.4 0.0 345.6

